

**Abstract**

An alarm notification structure, method, system, and management node for uniquely identifying alarm notifications. When a condition is met, a new alarm notification is created, the alarm comprising a SystemDN field identifying the alarm supplier that created the alarm, an alarm attribute carrying a payload and an alarm identifier field for uniquely identifying the alarm. The alarm identifier field comprises a path portion including a series of nodes corresponding to the path followed by the alarm, and the alarm identification as originally assigned. Each time the alarm is relayed by an intermediate node, that node appends its identity to the path portion of the alarm identifier field. When an operation is performed on the alarm, such as an acknowledgement operation, the alarm identifier field is used and sent in the acknowledgement message, so that intermediate nodes can know the path to be followed back for acknowledging the alarm.